



National Weather Service, Jacksonville, Florida

Hazardous Materials Support



From accidental releases of hazardous materials...to pipeline explosions...to the potential use of weapons of mass destruction, the National Weather Service is the primary government agency that provides critical high-resolution atmospheric information in support of emergency response efforts.

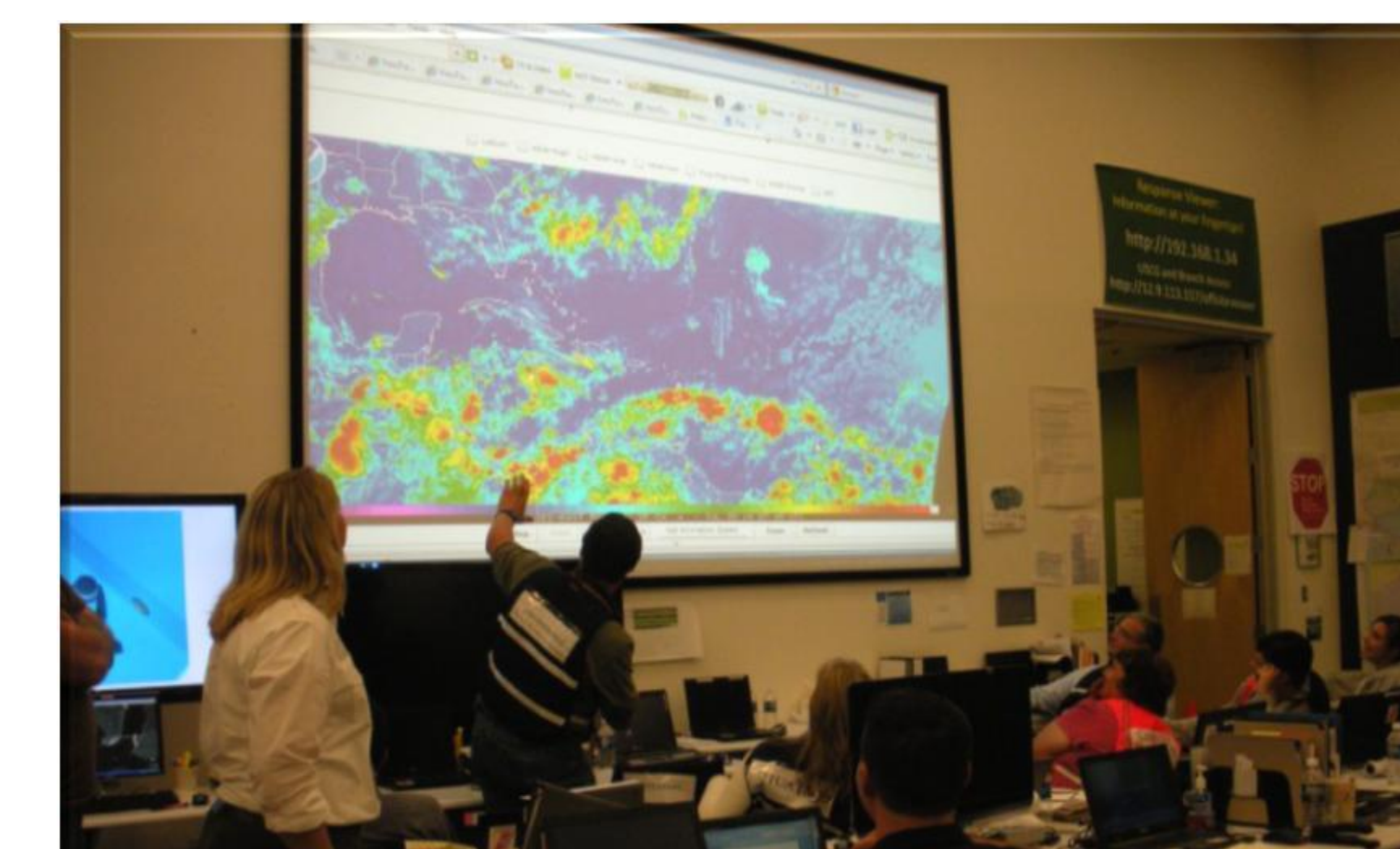
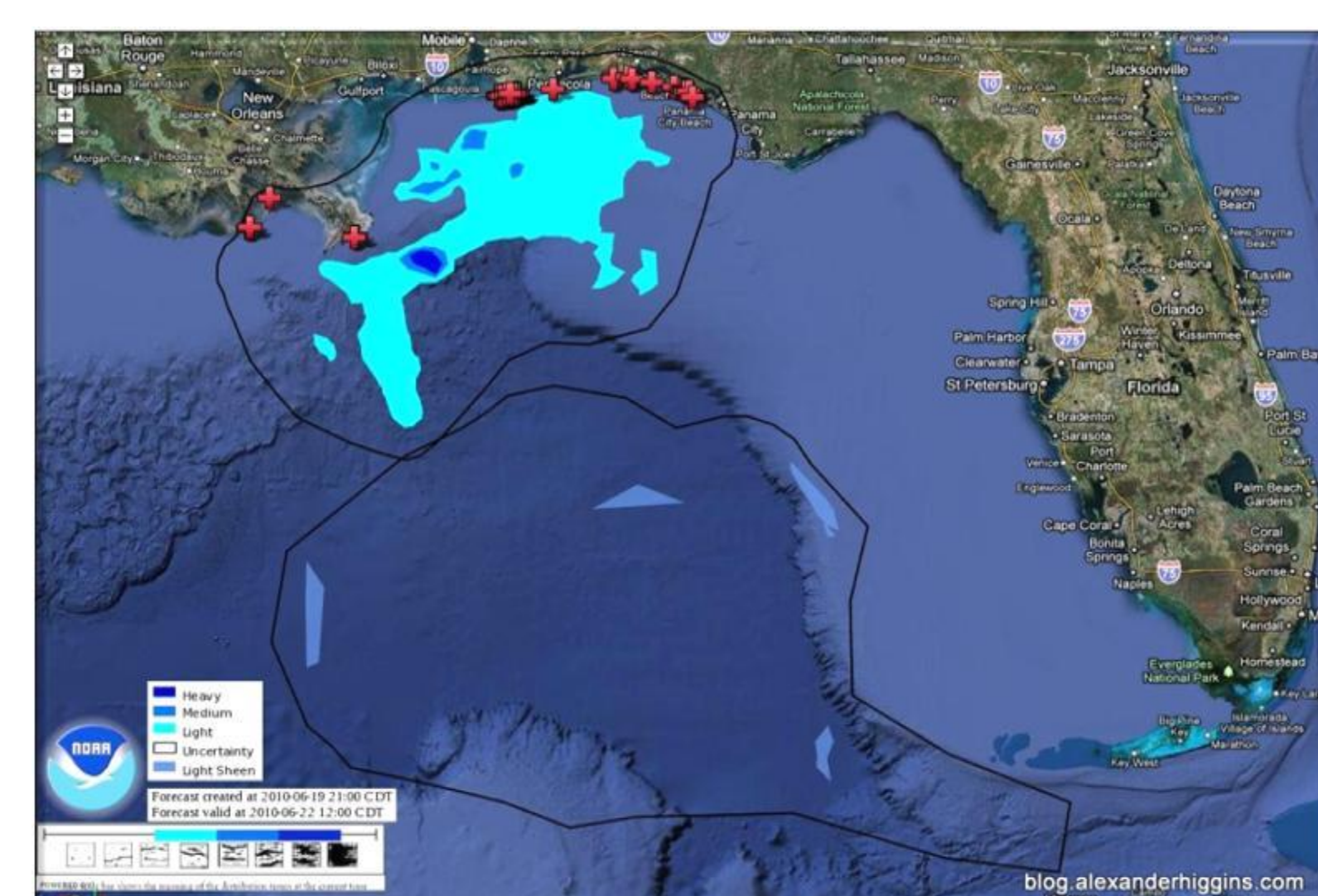
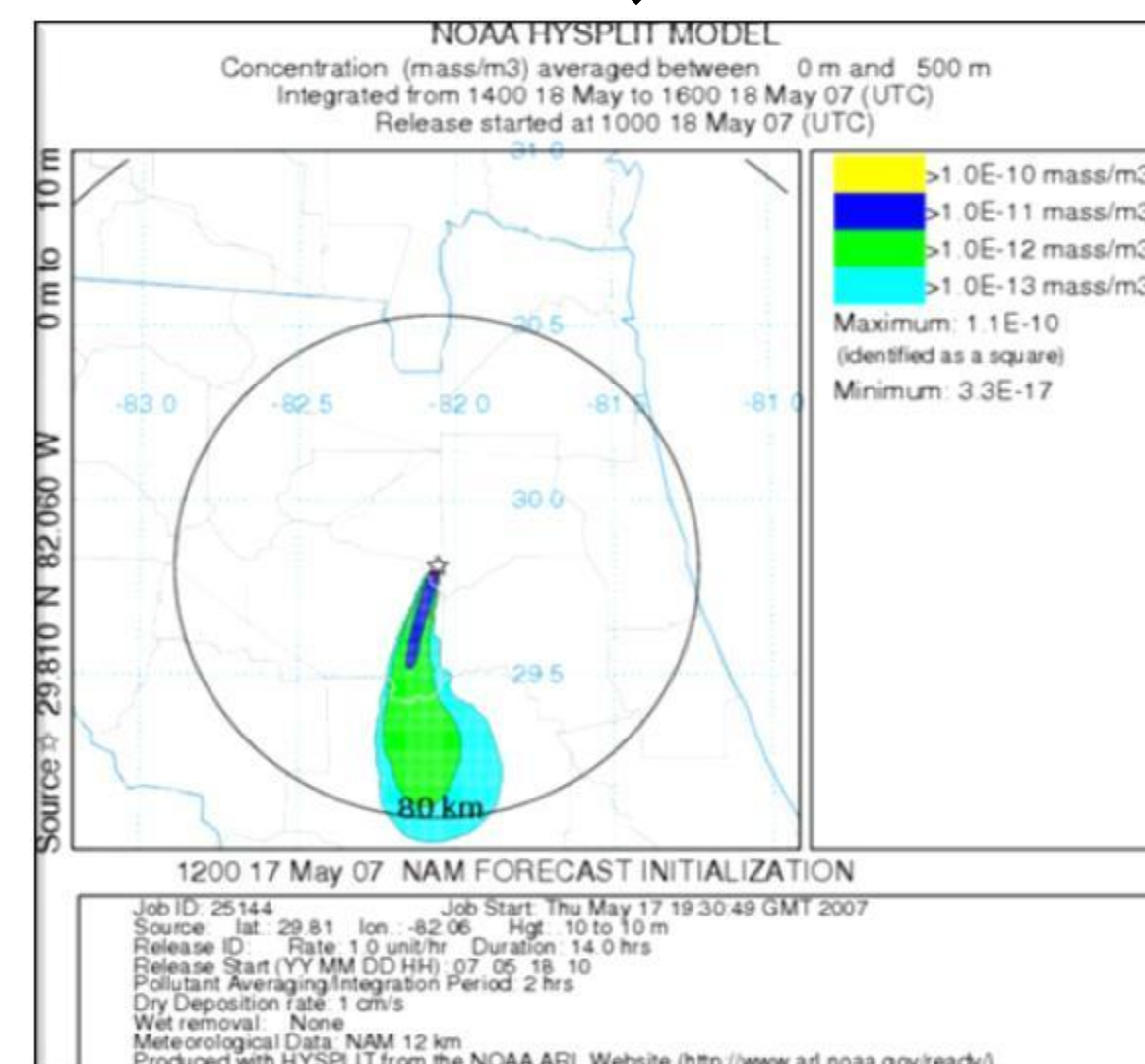
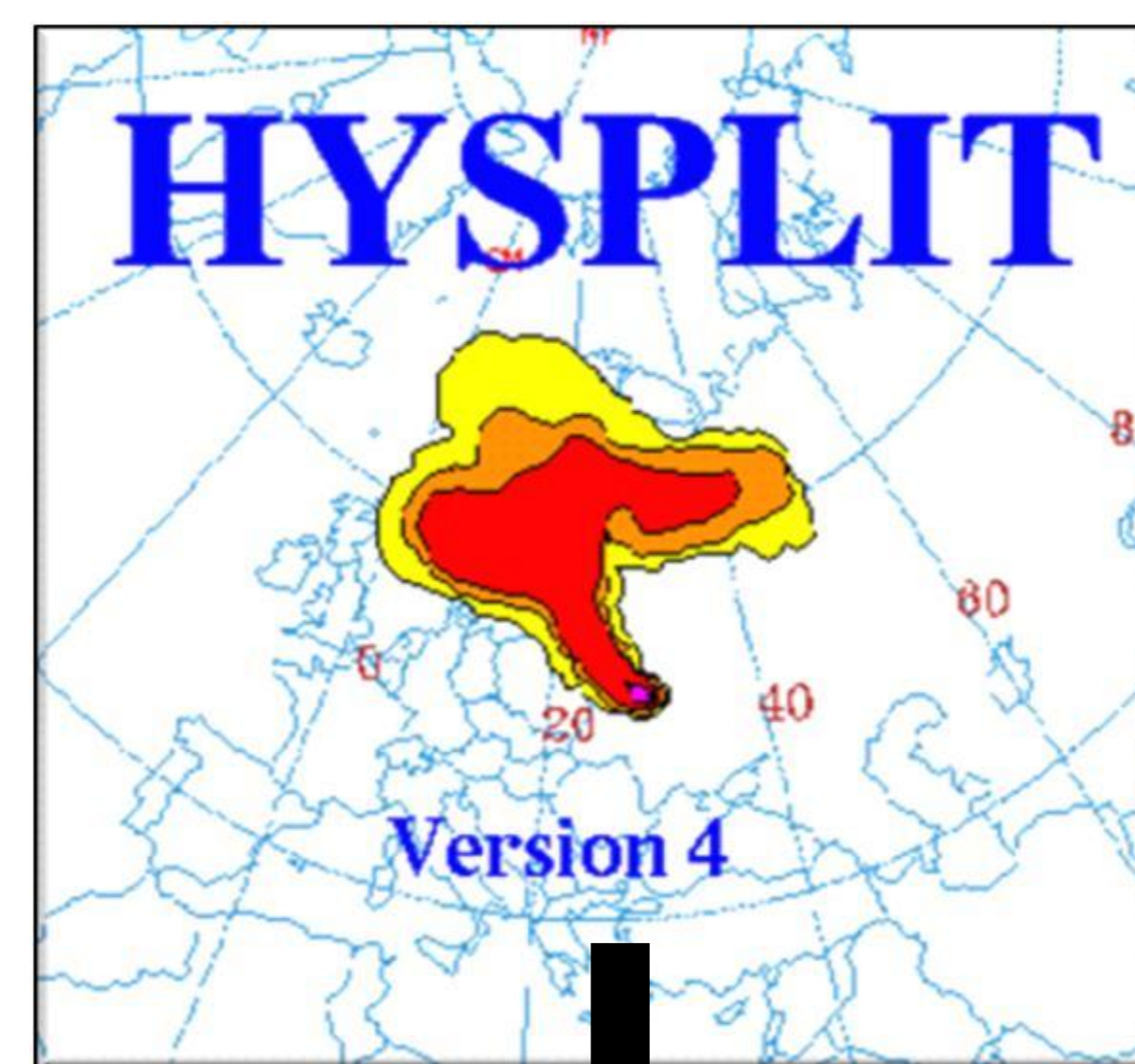
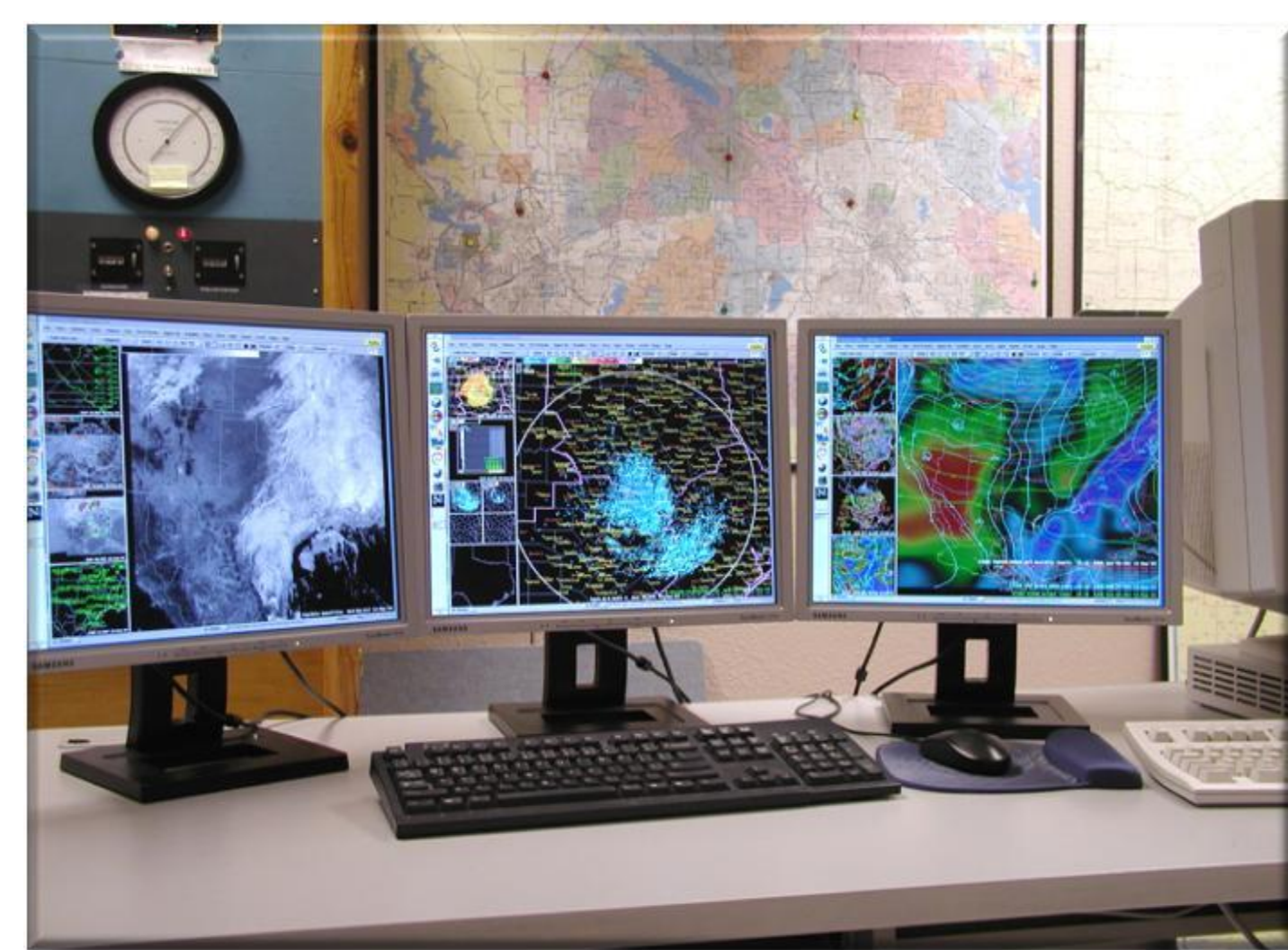


Support offered by the NWS includes but is not limited to:

- Interpretation of current and forecast weather conditions
- Preparation and dissemination of products and warnings, including broadcast over NOAA weather radio
- Trajectory/dispersion modeling (HYSPLIT)
- Actual on-scene weather support for weather interpretation and incident mitigation

On-Site Incident Support:

- Access to Meteorological observations & model data
- Take and record on-site observations
- Initiate dispersion model runs
- Conduct weather briefings w/ command or general staff and provide updates for planning and operations
- Assist on-site dispersion modelers (EPA, etc..)



References:

- **NWS Decision Support Program** Presentation, Jeff Orrock, NWS Raleigh, North Carolina
- **NWS Support During Hazardous Materials Emergencies** Presentation, COMET Program, University Corporation for Atmospheric Research
- **National Weather Service Chicago HAZMAT Support Page**